

IN THE SPECIFICATION:

Please substitute the following paragraph (page 3, third paragraph (numbered paragraph [0012])) for the same-numbered paragraph in the specification:

[0012] The comparator cycles between an analog circuit and a digital circuit, wherein in the analog circuit, one of the at least two transistors is a tail current source transistor, and wherein the input signal rises from ground toward a positive power supply voltage V_{CC} , wherein the rise in the input signal switches the tail current source transistor ~~on~~ off. Additionally, in the case where the input signal falls from V_{CC} toward ground or GND, as long as the falling input signal is less than the falling edge trip voltage, a tail current source transistor is on.